



臺北  
表演  
藝術  
中心

TAIPEI  
PERFORMING ARTS CENTER

— 2025 臺北藝術節 —

# 《暗宇之感》

Su Wen-Chi X YILAB

*Sensing Dark Matter*

蘇文琪 × YILAB 一當代舞團



百場演出優惠

演出日期 / 時間  
Date / Time

2025.9.11 Thu.	15:00 · 16:00 · 18:00 · 19:00 · 20:00
2025.9.12 Fri.	15:00 · 16:00 · 18:00 · 19:00 · 20:00 · 21:00
2025.9.13 Sat.	13:00 · 14:00 · 15:00 · 16:00 · 19:00 · 21:00
2025.9.14 Sun.	11:00 · 13:00 · 14:00 · 15:00 · 16:00 · 18:00 · 19:00 · 20:00
2025.9.15 Mon.	16:00 · 18:00 · 19:00 · 20:00
2025.9.16 Tue.	16:00 · 18:00 · 19:00 · 20:00 · 21:00
2025.9.17 Wed.	16:00 · 18:00 · 19:00 · 20:00 · 21:00
2025.9.18 Thu.	16:00 · 18:00 · 19:00 · 20:00 · 21:00
2025.9.19 Fri.	15:00 · 16:00 · 18:00 · 19:00 · 20:00 · 21:00
2025.9.20 Sat.	11:00 · 13:00 · 14:00 · 15:00 · 16:00 · 18:00 · 19:00 · 20:00 · 21:00
2025.9.21 Sun.	11:00 · 13:00 · 14:00 · 15:00 · 16:00 · 18:00 · 19:00 · 20:00

演出場地  
Venue

## 國立臺灣科學教育館 B1 小黑盒沉浸式劇場 B1 The Black Box, National Taiwan Science Education Center

演出注意事項  
Notice

- ◎ 節目全長約 45 分鐘，包含配戴頭顯設備及實際體驗時間，無中場休息。
- ◎ 建議 6 歲以上觀眾欣賞。
- ◎ 為維護最佳體驗品質與完整性，展演開始後將無法入場，敬請提早 10 分鐘抵達現場。
- ◎ 遲到、中途離場觀眾，恕無法入場及退換票。
- ◎ 現場寄物：因觀賞演出之需求，演出開始前請將個人物品寄放於現場提供之上鎖寄物櫃。請務必於演出 10 分鐘前抵達，並洽詢前台人員協助寄物，以利順利入場。
- ◎ 場內溫度：為維護演出設備，場地空調將保持在較低溫度。建議觀眾攜帶輕薄長袖外套，以確保自身觀演舒適。
- ◎ 少數人在使用 VR 設備時，可能會產生頭暈、噁心 ..... 等不適症狀，敬請您先行評估身體狀況再決定是否參與。
- ◎ 觀賞期間若遇身體不適，請閉上眼睛並舉手等待服務人員前來協助。
- ◎ 建議配戴隱形眼鏡，以確保頭顯設備穿戴時的舒適度。
- ◎ 演出過程中，因配戴 VR 頭顯無法看清外界狀況，如遇緊急情況請務必聽從工作人員指示。
- ◎ 演出過程當中，請勿拍攝、錄影、錄音；手機請開啟飛航模式。
- ◎ 主辦單位保留節目異動權。

## 演出注意事項 Notice

- ◎ **Duration is approximately 45 minutes, including the time for wearing the head-mounted display and the experience. There is no intermission in this programme.**
- ◎ **Recommended for ages 6 and above.**
- ◎ **To ensure the best experience and integrity of the performance, late entry will not be permitted after the show begins. We kindly suggest arriving at least 10 minutes early.**
- ◎ **No refunds or exchanges will be provided for late arrivals or early departures.**
- ◎ **Baggage Storage:** For the requirements of the performance, please store your personal belongings in the provided lockers before the show begins. We kindly ask that you arrive at least 10 minutes early and check with the front desk staff for assistance to ensure a smooth entry.
- ◎ **Temperature Inside the Venue:** To protect the performance equipment, the air conditioning will be set to a cooler temperature. We recommend that audiences bring a light long-sleeved jacket for comfort during the show.
- ◎ **A small number of people may experience discomfort such as dizziness or nausea whilst wearing the head-mounted display. Please assess your physical condition before deciding to participate.**
- ◎ **If you experience any discomfort during the experience, please close your eyes and raise your hand to alert a staff member for assistance.**
- ◎ **It is recommended to wear contact lenses to ensure comfort when wearing the head-mounted display.**
- ◎ **During the performance, as visibility of the external environment is limited due to the head-mounted display, please follow staff instructions carefully in case of an emergency.**
- ◎ **Photography, video, and audio recording are strictly prohibited during the performance. Please switch your mobile phone to flight mode.**
- ◎ **The organiser reserves the right to make changes to the programme.**

## 節目介紹

- ★ 臺北表演藝術中心、墨爾本藝術中心（Asia TOPA 墨爾本亞太表演藝術三年展）、荷蘭烏特勒支春天表演藝術節、香港西九文化區聯手跨國共製精彩沉浸式作品
- ★ 一場關於人類感知能力的深刻寓言，以舞者身體探測神秘暗物質宇宙
- ★ 藝術與科學交織，超越維度的碰撞

宇宙中 95% 的存在對我們而言是不可見的，暗物質與暗能量構成了這片浩瀚未知。暗物質如同一張巨大的隱形網絡，其引力默默塑造著宇宙樣貌，甚至此刻可能正穿過我們的身體，卻無法被觸及。藝術家蘇文琪思考：既然最精密的科學儀器都難以捕捉暗物質，我們是否能用身體與感知去貼近這股隱藏的宇宙力量？

自 2016 年在瑞士 CERN 駐村以來，藝術與科學的對話成為蘇文琪藝術實踐的核心。為了創作《暗宇之感》，她與 YILAB 團隊攜手澳洲墨爾本大學 ARC 暗物質粒子物理卓越研究中心，深入地下一公里的史塔威爾地下物理實驗室。在這個專門探測暗物質的寂靜場域中，舞者的身體化為敏銳的「探測器」，回應著空間中的氣壓、濕度與無聲的能量流動。

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團隊運用 3D 掃描與動態捕捉，將地底洞穴、實驗室、探測器與舞者細膩的身體語彙轉化為數位粒子，在 VR 虛擬宇宙中幻化成漂浮、交織的星塵。透過 Ambisonics 環繞音場與精心設計的空間佈局啟發感知，《暗宇之感》創造出讓觀眾能真正「感受」暗物質的沉浸式環境。每一次轉頭、每一次呼吸都觸發著聲音的微妙變化，宇宙隱匿的低語如潮水般在耳邊輕柔流淌。

在這個資訊爆炸、追求透明解析的時代，藝術家相信人類仍然渴望那些無法被完全解釋的存在。《暗宇之感》邀請您潛入這片黑暗，運用感官去感受宇宙最深層、最神秘的未知。

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## 主創者介紹

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### 蘇文琪 / 臺灣

蘇文琪是編舞家及新媒體藝術家，2005 年創立 YILAB 一當代舞團，致力於科技與表演藝術的創新融合。從 2016 年瑞士歐洲核子研究組織（CERN）駐村開始，她開啟了藝術與科學對話的創作旅程，以「身體」與「物質」作為創作思考基礎，探索波動、無限、重力等宇宙現象如何透過身體與科技轉化為藝術體驗。

代表作品《微幅 W.A.V.E.》榮獲 2017 世界舞台設計展另類設計金獎，《黑洞博物館 + 身體瀏覽器》入選 2023 法國安錫國際動畫影展 VR 單元。她曾獲第九屆台新藝術獎評審團特別獎，並與瑞士品牌 LA PRAIRIE 合作於 2021 年巴塞爾藝術展邁阿密海灘展出。

蘇文琪持續以身體與科技為媒介，探索人類在科技時代的感知可能性，將當代表演藝術實踐與跨領域思考緊密結合。



© YILAB

## YILAB 一當代舞團

© YILAB



YILAB 一當代舞團由蘇文琪於 2005 年創立，以獨特的跨媒介視角重新描繪當代表演藝術的可能性。團隊秉持「作品中不存在單一中心媒介，而是由看似相近卻能相互碰撞的概念構成」的創作理念。在這個創意生態中，每位藝術家都保持其獨立個體性，自由表達觀點，共同探索作品核心命題的深層意義。

YILAB 的創作特色在於巧妙融合舞蹈、視覺藝術與新媒體藝術，以流動的形式探索數位時代中身體與科技的多重關係。團隊致力於發展新的表達語彙與美學路徑，同時為觀眾提供獨特視角，思考科技與人文之間的動態平衡。

團隊受邀於國內外具有指標性的新媒體與表演藝術節，包括台灣牯嶺街國際劇場藝術節、台灣國際藝術節 TIFA、台北數位藝術節、CLAB\_台灣聲響實驗室、南韓光州亞洲藝術劇院、法國 IRCAM Forum、SCOPITONE、Chroniques 數位想像雙年展、法國安錫國際動畫影展、比利時布魯塞爾藝術節、德國波茨坦舞蹈日、希臘卡拉馬塔國際舞蹈節、瑞士日內瓦 Sparks CERN、La Bâtie 日內瓦藝術節、澳洲 Asia TOPA 亞太表演藝術三年展、墨爾本科學畫廊等。

## 演出製作團隊

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概念、編舞 | 蘇文琪

舞者 | 田孝慈、涂立葦

VR 影像設計、VR 技術系統整合 | 謝文毅

聲音設計、空間音訊處理 | 吳秉聖

空間設計 | 張暉明

影片攝影、文字 | 蘇文琪

影片剪輯與後製 | 黃湧恩

口白 | 妮可·貝爾 (Nicole Bell)、雷蒙·沃爾卡斯 (Raymond Volkas)

動作捕捉 | 中國科技大學數位多媒體設計系：許允聖、鄒巧筠、謝沁樺

科學創作夥伴 | 伊麗莎白·芭貝里奧 (Elisabetta Barberio)、

迪亞歌·布拉斯 (Diego Blas)



技術統籌 | 鄧湘庭

燈光技術指導暨執行舞監 | 萬書瑋

空間設計助理 | 陳玟捷、陳婕希

音場 | 顏行揚、溫承翰

影像技術人員 | 丁常恩

VR 技術人員 | 陳智賢

VR 穿戴服務 | 郭寧

排練助理 | 王甯

文宣排版設計 | 蔡建男

前期執行製作 | 羅尹如

執行製作 | 楊舒涵

製作單位 | YILAB 一當代舞團

共製單位 | 臺北表演藝術中心、

墨爾本藝術中心 (Asia TOPA 墨爾本亞太表演藝術三年展)、

荷蘭烏特勒支春天表演藝術節、香港西九文化區

合作單位 | ARC 暗物質粒子物理卓越中心、SUPL 暗物質實驗室、墨爾本科學畫廊、

墨爾本大學、國立臺灣科學教育館



## 專文

### 地底一公里，一趟重建感官的探險之旅

撰文 / Stella Tsai

從黑洞開啟重力與物理學的想像，新媒體藝術家蘇文琪三年前在澳洲認識了探勘「暗物質」（Dark Matter）的科學家，開啟了這趟為期三年的研究計畫。去年她帶著創作團隊親赴澳洲，親身前往位於地底下的暗物質實驗室，透過科學家的講解理解暗物質的原理，也透過自己的身體去體感暗物質的存在。這趟宛如電影般的探險之旅，就從一行人穿上全套安全裝備，搭上越野吉普車，沿著隧道一路開往地底一公里開始。

受訪者 | 《暗宇之感》創作團隊

蘇文琪（概念、編舞）

田孝慈（舞者）

謝文毅（VR 影像設計）

張暉明（空間設計）

吳秉聖（聲音設計）

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請點擊看完整版



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## 專文

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超越認知，但必須相信：蘇文琪《暗宇之感》的暗物質提問

撰文 / pupulin

「我們不知道暗物質到底是什麼，但可以確定的是，要是沒有暗物質，我們根本不會存在。」

請點擊看完整版



回到物質與情動：《暗宇之感》中的身體感知

撰文 / 邱誌勇（國立清華大學科技藝術研究所教授兼藝術學院副院長）

「在地下實驗室裡，在一個與外界隔絕的氛圍中，我們接近這個看不見卻確實存在的物質，讓身體重新喚起那些不經意間被遺忘的感知。」—蘇文琪，《暗宇之感》

請點擊看完整版



## Introduction

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★ A spectacular immersive experience co-produced by the Taipei Performing Arts Center, Arts Centre Melbourne (Asia TOPA), SPRING Performing Arts Festival, and WestK Hong Kong.

★ A profound allegory about human perception, exploring the mysterious universe of dark matter through the bodies of dancers.

★ A convergence of art and science, a collision transcending dimensions.

Ninety-five per cent of the universe's existence is invisible to us—dark matter and dark energy constitute this vast unknown. Dark matter forms a massive invisible network, its gravity silently shaping the cosmic landscape, perhaps even passing through our bodies at this very moment, yet remaining untouchable. Artist Su Wenchi contemplates: if even the most precise scientific instruments struggle to capture dark matter, can we use our bodies and senses to approach this hidden cosmic force?

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Since her 2016 residency at CERN in Switzerland, the dialogue between art and science has become central to Su Wenchi's artistic practice. To create *Sensing Dark Matter*, she and her YILAB team collaborated with the ARC Centre of Excellence for Dark Matter Particle Physics at the University of Melbourne, venturing deep into the Stawell Underground Physics Laboratory, one kilometre beneath the earth. In this silent realm dedicated to detecting dark matter, the dancer's body becomes a sensitive "detector," responding to the atmospheric pressure, humidity, and silent energy flows within the space.

The team employed 3D scanning and motion capture to transform the underground caverns, laboratory, detectors, and the dancer's nuanced physical vocabulary into digital particles, manifesting as floating, interweaving stardust in a VR virtual universe. Through Ambisonics and spatial sound design that guide physical and mental relaxation, *Sensing Dark Matter* creates an immersive environment where audiences can truly "feel" dark matter. Every turn of the head, every breath triggers subtle sonic changes, as the universe's hidden whispers flow gently like tides around the ears.

In this age of information explosion and transparent analysis, the artist believes humans still yearn for existences that cannot be fully explained. *Sensing Dark Matter* invites you to dive into this darkness and use your senses to feel the universe's deepest, most mysterious unknown.

# Artist

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## Su Wen-Chi /Taiwan

Su Wen-Chi is a choreographer and new media artist who founded YILAB in 2005, dedicated to the innovative fusion of technology and performing arts. Since her 2016 residency at the European Organisation for Nuclear Research (CERN) in Switzerland, she has embarked on a creative journey of dialogue between art and science, using "body" and "matter" as the conceptual foundations for her work, exploring how cosmic phenomena such as waves, infinity, and gravity can be transformed into artistic experiences through the body and technology.

Her representative work W.A.V.E. won the Alternative Design Gold Award at the 2017 World Stage Design Exhibition, whilst Black Hole Museum + Body Browser was selected for the VR section of the 2023 Annecy International Animation Festival in France. She has received the Jury's Special Award at the 9th Taishin Arts Award and collaborated with Swiss brand LA PRAIRIE for an exhibition at Art Basel Miami Beach in 2021.

Su Wen-Chi continues to employ the body and technology as media, exploring the possibilities of human perception in the technological age, whilst closely integrating contemporary performing arts practice with interdisciplinary thinking.



## YILAB

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YILAB was founded by SU Wen-Chi in 2005, reimagining the possibilities of contemporary performing arts through a unique cross-media perspective. The company embraces a creative philosophy that "no single central medium exists within a work; rather, it is composed of concepts that appear similar yet collide with one another." Within this creative ecosystem, each artist maintains their individual identity, freely expressing their perspectives whilst collectively exploring the deeper meaning behind each project's core themes.

YILAB's distinctive creative approach lies in its skilful integration of dance, visual art, and new media art, exploring the multiple relationships between body and technology in the digital age through fluid forms of expression. The team is dedicated to developing new artistic vocabularies and aesthetic pathways, whilst providing audiences with a unique perspective to contemplate the dynamic balance between technology and humanity.

The company has been invited to perform at major international new media and performing arts festivals, including Gu-Ling Street International Theatre Festival, TIFA (Taiwan International Festival of Arts), Taipei Digital Arts Festival, CLAB (Taiwan Sound Lab), Asian Arts Theatre (South Korea), IRCAM Forum, SCOPITONE, Chroniques: Biennale of Digital Imagination, Annecy International Animation Festival (France), Kunstenfestivaldesarts (Belgium), Potsdamer Tanztage (Germany), Kalamata Dance Festival (Greece), Sparks CERN, La Bâtie Festival Geneva (Switzerland), Asia TOPA, and Science Gallery Melbourne (Australia), among others.



# Production Team

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Concept, Choreographer: Su Wen-Chi  
Dancer: Tien Hsiao-Tzu, Tu Li-Wei

VR Design, VR Program Integration: Hsieh Wen-Yee  
Sound Design, Spatial Sound: Wu Ping-Sheng  
Scenography: Chang Huei-Ming  
Cinematography, Text: Su Wen-Chi  
Video Editing and Post-production: Huang Yung-En  
Voice: Nicole Bell, Raymond Volkas  
Motion Capture: Dept. of Digital Multimedia Design,  
China University of Technology / Hsu Yung-Sheng, Chou Chiao-Yun,  
Xie Qin-Hua  
Scientific Partner: Elisabetta Barberio, Diego Blas

Technical Coordination: Teng Hsiang-Ting  
Stage Manager: Wang Shu-Wei  
Scenography Assistant: Chen Wen-Chieh, Chen Chieh-Hsi  
Sound Technician: Yen Hsing-Yang, Wen Cheng-Han  
Projection Technician: Ding Chang-En  
VR Technician: Chen Chi-Hsien  
VR Wearable Service: Kuo Nin  
Rehearsal Assistant: Wang Ning  
Program Materials Layout Design: Tsai Jian-Nan  
Pre-Production Execution: Lo Yin-Ru  
Executive Producer: Yang Shu-Han  
Production: YILAB

Co-production: Asia TOPA, Arts Centre Melbourne, SPRING Performing Arts Festival,  
Taipei Performing Arts Center, WestK Hong Kong

In collaboration with ARC Centre of Excellence for Dark Matter Particle Physics,  
Science Gallery Melbourne, Stawell Underground Physics Laboratory (SUPL), The  
University of Melbourne, National Taiwan Science Education Center

# Intro

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## One Kilometer Underground: An Adventure in Reconstructing the Senses

Text by Stella Tsai

Photos courtesy of YILAB

Following her artistic exploration of black holes to reimagine gravity and physics, new media artist Su Wen-Chi started a three-year research project on dark matter after meeting scientists dedicated to its study in Australia in 2023. Last year, she returned to Australia with her team, where they visited the underground dark matter laboratory and learned about the principles of dark matter from the scientists there, while also physically perceiving the presence of dark matter. The cinema-like adventure began as the team donned full safety gear and boarded an off-road vehicle, descending one kilometer underground into the depths of the earth.

Interviewees | Creative Team of *Sensing Dark Matter*

Concept, Choreographer: Su Wen-Chi

Dancer: Tien Hsiao-Tzu

VR Design: Hsieh Wen-Yee

Scenography: Chang Huei-Ming

Sound Design: Wu Ping-Sheng

Click to view more



# Intro

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**A Belief Demanded beyond Comprehension: An Inquiry into Dark Matter**  
by Su Wen-Chi

Text: pupulin

"We do not know what dark matter really is, but one thing is for certain – without it, we would not even exist."

Click to view more



**A Return to Matter and Affect: Bodily Perception in *Sensing Dark Matter***

Text by Chiu Chih-Yung, Professor at the Graduate Institute of Art and Technology and Associate Dean of the College of Arts, National Tsing Hua University

*"In an underground laboratory, in a self-isolating atmosphere, we attempt to connect to this invisible—yet real—matter, inviting the body to experience sensations beyond our senses."*

-- Su Wen-Chi, Sensing Dark Matter

Click to view more



共同主辦  
Co-organizer



臺北表演藝術中心  
TAIPEI PERFORMING ARTS CENTER

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主辦單位保留節目內容異動之權利。若有任何異動，將在臺北表演藝術中心網站公告。所有照片均由演出單位授權使用。

The organizer reserves the right to make changes to the event program. Changes will be announced on the website of Taipei Performing Arts Center. All photos are authorized by the artists.

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[www.tpac-taipei.org](http://www.tpac-taipei.org)